# INDEX OF SUBJECTS


Abstracts, selected
Authors
Barcham, J., Eliasberg, B. H., Convulsions under general anesthesia, 554
Blassingame, C. D., Congenital cysts and fistulae about head and neck, 174
Bustamente, M. E., *et al.*, Estudio de una nueva fiebre petequial aislada en michoacan del rhipicephalus sanguineus, 984
Buzzard, E. M., and Wylie, J. A. H., Meningitis leptospirosa, 68
Chatterjee, H. N., Study of bone marrow in cholera, 176
Crossely, V., *et al.*, Salmonella typing, 983
Dickie, A., and Hempelmann, L. H., Changes in lymphocytes after ionizing radiation, 68
Dickson, W. E. C., Accidental electrocution, 399
Dutton, L. O., Weltmann reaction, 333
Elsdon-Dew, R., Zinc sulphate flotation of feces, 398
Fagraeus, A., Plasma cellular reaction; formation of antibodies *in vitro*, 398
Fisher, B., Variation in prothrombin test, 400
Galton, M. M., and Hardy, A. V., Studies in acute diarrheal diseases, 983
Gedgoud, J. L., and Tollman, J. P., Arteriolosclerosis in a nine year old child, 985
Gibson, Q. H., and Harrison, D. C., Familial idiopathic methaemoglobinaemia, 554
Giertz, G., Enterococci in urinary tract infections, 984
Gohar, M. A., and Makkawi, M., Cholera in Egypt, 985
Gustafson, G., Microscopic examination of teeth in forensic medicine, 334
Hovenian, M. S., and Deming, C. L., Heterologous growth of cancer of human prostate, 399
Huebner, R. J., *et al.*, Q fever in southern California, 515
Hunter, C. A., and Ensign, P. R., Epidemic of diarrhea in nursery caused by *Pseudomonas aeruginosa*, 176]
Kinsella, T. J., and Johnsrud, L. W., Traumatic rupture of bronchus, 175
Kurnick, M. B., and Ris, H., New stain, aceto-orcein fast green, 516
Lewis, M. R., and Goland, P. P., Retardation of tumors in mice by acridine compounds, 555
Lisco, H., *et al.*, Carcinogenic properties of radioactive fission products, 332
Loge, P., Spinous process puncture, 399
Maltaner, F., Enhancing effect of Mg++ on clotting activity of Ca++, 985
McCorkle, H. J., *et al.*, Uptake of radioactive phosphorus by lesions of breast, 986
Monteverde, J. J., and de Simone, C., Infecciones entericas por shigelas en casos de "diarreas infantiles de verano", 984
Murphy, J. B., and Sturn, E., Lymphoid tissue and antibody formation, 332
National Advisory Cancer Council, Cancer in medical school curriculum, 174
Neter, E., Genus shigella and shigellosis, 983
Ober, R. E., *et al.*, Congenital defects in a year of epidemic rubella, 177
Owen, C. A., Serum and plasma antithrombin, 985
Owren, P. A., Congenital hemolytic jaundice, 515
Ozler, A. G., *et al.*, Experimental enterococcal food poisoning in man, 983
Peters, R. A., *et al.*, British antilewisite, 177
Plum, C. M., *In vitro* study of bone marrow, 332
Polson, C. J., and Price, D. E., Suffocation by milk feeds, 515
Purves, H. D., and Griesbach, W. E., Studies on experimental goitre, 176
Quick, A. J., Components of prothrombin complex, 334

Saslaw, S., and Doan, C. A., Role of phagocytosis in resistance, 68
Schilling, F. J., *et al.*, Prothrombin activity of stored human blood, 986
Sherman, M. S., Osteoid osteoma, 331
Shrapnel, B. C., Oral emetine in treatment of amebiasis, 175
Silverman, S. B., Modification of Waugh-Ruddick test, 516
Squier, T. L. and Lee, H. J., Lysis *in vitro* of sensitized leucocytes by ragweed antigen, 333
Stafford, R. O., and Atkinson, W. B., Effect of acetone and alcohol fixation on activity of phosphatases in rat tissues, 554
Stoll, N. R., This wormy world, 69
Tenenberg, D. J., *et al.*, Effect of sulfonamides and urea derivatives upon bacterial growth, 516
True, R. M., Staining of embryonic and small mammalian skeletal systems, 333
Vareal, G., *et al.*, Estudio de cien casos de salmonelosis humanas, 984
Watson, J. M., Modification of zinc sulphate centrifugal flotation technic, 398
Wilson, S. J., Differences in Quick and Russell methods for prothrombin, 333
Winnick, T., Friedberg, F., and Greenberg, D. M., Studies in protein metabolism with compounds labeled with radioactive carbon, 555
Yegian, D., and Vanderlinde, R. J., Nature of acid-fastness, 400
Young, N. F., Kensler, C. J., Seki, L., and Homburger, F., Deposition of liver glycogen in mice bearing sarcoma, 180, 555

Titles
Accidental electrocution with shock to brain, 399
Acridine compounds, retardation of tumors in mice by, 555
Arteriosclerosis in a nine year old child, 985
Bone marrow in parasitic diseases, 331
British anti-lewisite, 177
Cancer in medical school curriculum, 174
Carcinogenic properties of radioactive fission products, 332
Changes in lymphocytes of persons exposed to ionizing radiation, 68
Cholera in Egypt, 985
Components of prothrombin complex, 334
Congenital cysts and fistulae about head and neck, 174
Congenital defects in a year of epidemic rubella, 177
Congenital hemolytic jaundice, 515
Discussion of amoebiasis, 397
Enhancing effect of Mg++ on clotting activity of Ca++, 985
Enterococci in urinary tract infections, 984
Epidemic in nursery caused by *Pseudomonas aeruginosa*, 176
Estudio de cien casos de salmonelosis humanas, 984
Estudio de una neuva fiebre petequial, 984
Experimental enterococcal food poisoning, 983
General anesthesia, convulsions under, 554
Genus Shigella and Shigellosis, 983
Heterologous growth of cancer of human prostate, 399
Infecciones entericas por shigelas, 984
*In vitro* study of bone marrow, 332
Liver glycogen in mice with sarcoma, 180, 555
Lymphoid tissue and antibody formation, 332
Lysis of sensitized leucocytes by ragweed antigen, 333
*Macacus rhesus*, role of phagocytosis in resistance, 68
Meningitis leptospirosa, 68
Methemoglobinemia, familial idiopathic, 554
Nature of acid-fastness, 400
New stain mixture: aceto-orcein fast green, 516
Oral emetine in intestinal amebiasis, 175
Osteoid osteoma, 331
Plasma cellular reaction and formation of antibodies, 398
Phosphatases in rat tissue, effect of acetone and alcohol fixation and paraffin embedding, 554
Poisoning with aminothiazole, fatal, 334

Protein metabolism, compounds labeled with radioactive carbon, 555
Prothrombin determination, differences in Quick and Russell viper venom methods, 333
Q fever studies in southern California, 515
Salmonella typing in Ontario, 933
Serum and plasma antithrombin, 985
Spinous process puncture, 399
Staining of embryonic and small mammalian skeletal systems, 333
Studies in acute diarrheal diseases, 983
Study of bone marrow from cholera cases, 176
Studies on experimental goitre, 176
Suffocation by milk feeds, 515
Sulfonamides and urea derivatives, effect on bacterial growth *in vitro*, 516
Teeth, microscopic examination, in forensic medicine, 334
This wormy world, 69
Traumatic rupture of bronchus, 175
Variation in prothrombin test, 400
Waugh-Ruddick test, modification of, for increased coagulability of blood, 516
Weltmann reaction as a diagnostic aid, 333
Zinc sulphate centrifugal flotation technic, 398
Zinc sulphate flotation of feces, 398
Actinobacillary and staphylococcic actinophytosis, 645
Amyloid "tumors" of larynx, trachea and bronchi, 778
Anaerobic jar, Brewer's modification, 745
Anatomic specimens, preservation in plastic, 910
Animals, exsanguination of, 589
Antithrombin activity of stored plasma, 537
Aneurysm of thoracic aorta, traumatic saccular, 152
Aortic aneurysm into carcinoma of esophagus, rupture, 961
Appendiceal lesions in prodromal stage of measles, 796
Azoospermia and aspermia, 542
Bacillary dysentery, isolation of Shigella from gallbladder in, 509
Barbiturates in blood, ultra-violet spectrophotometry
I. Analytical method, 451
II. Experimental and Clinical results, 462
Barbituric acid, in urine, determination, 906
Bilibrubin in urine, 887
Blood analyses, micro-extractor for, 584
Blood and oxygen in treatment of malaria, 485
Blood banking and the clinical pathologist, 170
Blood cell nomenclature, committee report, 443
Blood counter, electrical, 755
Blood picture, effect of insulin on, 470
Blood platelet clumping in thromboembolic disease, 879
Blood serum
calcium, turbidimetric method, 576
phosphatase determination, 583
phosphatase in hemolyzed serum, formaldehyde inactivation technic, 742
proteins, microestimation in 1.0 ml. of, 723
proteins, specific gravity and nonprotein nitrogen, correlation, 429
Blood sugar estimation, rapid method, 551
Blood transfusion
efficiency of blood substitution, 857
silicone-treated needles in, 752
Bone, electrolytic decalcification of, 591
Bone marrow
megakaryocyte content from sternum, 898
megakaryocytes in health and disease, 891
Book reviews
Authors
Astaldi, G., and Baldini, M., II Principio Antianemico-Perniciosa, Natura, Meccanismo D'Azione, Dosaggio, 988
Astaldi, G., *et al.*, I Velendi della Mitosi, 988
Bamford, F., Poisons, 403
Behrman, H. T., Dermatologic Clues to Internal Disease, 406
Boyd, W., Textbook of Pathology, 401
Breed, R. S., *et al.*, Bergey's Manual of Determinative Bacteriology, 822
Cameron, A. T., Recent Advances in Endocrinology, 234
Cassidy, H. G., *et al.*, Chromatography, 829
Cecil, R. L., *et al.*, Textbook of Medicine, 342
Ciferri, R., and Redaelli, P., Mycopathologia, 339

Clarke, H. T., *et al.*, Symposium on Use of Isotopes in Biology and Medicine, 826
Corwin, E. H. L., American Hospital, 343
Count, E. W., Brain and Body Weight in Man, 341
Coward, K. H., Biological Standardisation of Vitamins, 828
Cowdry, E. V., Laboratory Technique in Biology and Medicine, 557
Cureton, T. K., *et al.*, Physical Fitness Appraisal and Guidance, 341
D'Amour, F. E., and Blood, F. R., Manual for Laboratory Work in Mammalian Physiology, 721
Dorland, W. A. N., American Illustrated Medical Dictionary, 74
Dowling, H. F., Acute Bacterial Diseases, 885
Duncan, G. G., Diseases of Metabolism, 343
Eggston, A. A., and Wolff, D., Histopathology of Ear, Nose and Throat, 234
Ernstene, A. C., Coronary Heart Disease, 721
Fearon, W. R., Introduction to Biochemistry, 336
Fishbein, M., Medical Writing, 885
Follis, R. H., Pathology of Nutritional Disease, 402
Foot, N. C., Identification of Tumors, 825
Fradkin, W. Z., Diagnosis and Treatment of Diarrheal Diseases, 234
Frazer, W. M., and Stallybrass, C. O., Textbook of Public Health, 827
Gates, O., Handbook for Diagnosis of Cancer of Uterus by Use of Vaginal Smears, 335
Gögl, H., Pathologisch-anatomische Untersuchungen über Leberzirrhose bei Säuglingen und Kleinkindern mit endemischer Häufung, 404
Gordon, M., *et al.*, Biology of Melanomas, 556
Gräub, E., *et al.*, Tuberkulöse Reinfektion beim Rinde und ihr Einfluss auf die Resistenz, 339
Gross, M., Salicylates, 987
Hadfield, G., and Garrod, L. P., Recent Advances in Pathology, 521
Hagan, W. A., *et al.*, Relation of Diseases in Lower Animals to Human Welfare, 233
Harvey, E. N., *et al.*, Bioluminescence, 828
Hemmeler, G., Precis de Diagnostic Hematologique, 73
Hill, J. M., and Dameshek, W., Rh Factor in Clinic and Laboratory, 520
Ionescu-Mihaesti, C., and Ciuca, M., Manual de Enfermedades Infecciosas, 827
Karnaky, K. J., Practical Office Gynecology, 344
Karsner, H. T., and Koletsky, S., Calcific Diseases of Aortic Valve, 336
Karsner, H. T., *et al.*, 1947 Year Book of Pathology and Clinical Pathology, 823
Kelser, R. A., and Shoening, H. W., Manual of Veterinary Bacteriology, 885
Kinsey, A. C., *et al.*, Sexual Behavior in Human Male, 404
Koch, F. C., and Hanke, M. E., Practical Methods of Biochemistry, 826
Kolmer, J. A., Penicillin Therapy, 70
Lillie, R. D., Histopathologic Technic, 337
McCombs, R. B., Internal Medicine in General Practice, 180
McCormick, C. O., Pathology of Labor, Puerperium and Newborn, 180
Mettler, C. C., History of Medicine, 342
Moscheowitz, E., Biology of Disease, 886
Northey, E. H., Sulfonamides and Allied Compounds, 558
Novak, E., Gynecological and Obstetrical Pathology with Clinical and Endocrine Relations, 178
Novak, M., Bacteriology, 179
Noyes, A. P., Modern Clinical Psychiatry, 829
Ogilvie, R. F., Pathological Histology, 719
Papanicolaou, G. N., *et al.*, Epithelia of Woman's Reproductive Organs, 405
Pottenger, F. M., Tuberculosis, 521
Rice, T. B., Textbook of Bacteriology, 337
Rieben, W. K., Beitrage zur Kenntnis der Blutgerinnung, 338

Rubin, E. H., and Rubin, M., Diseases of Chest, 71
Rubinstein, H. S., and Davis, C. L., Stereoscopic Atlas of Neuroanatomy, 557
Schatkin, S. B., Disputed Paternity Proceedings, 405
Schaub, I. G., and Foley, M. K., Diagnostic Bacteriology, 178
Scheinker, I. M., Neuropathology, 340
Schwartzman, G., *et al.*, Hemorrhage, 721
Seegers, W. H., and Sharp, E. A., Hemostatic Agents, 825
Shyrock, R. H., American Medical Research, 401
Stitt, E. R., *et al.*, Practical Bacteriology, Hematology and Parasitology, 824
Taussig, H. B., Congenital Malformations of Heart, 517
Thienes, C. H., and Haley, T. J., Clinical Toxicology, 719
Thorpe, W. V., Biochemistry for Medical Students, 402
Todd, J. C., and Sanford, A. H., Clinical Diagnosis by Laboratory Methods, 720
Treiger, I. J., Atlas of Cardiovascular Diseases, 70
Trueta, J., *et al.*, Studies of Renal Circulation, 987
U. S. Public Health Service, State Central Case Record Systems and Local Case Registers for Tuberculosis, 73
Van Bruggen, J. A. R., *et al.*, Studies on Influenza-A Epidemic, 403
Van Rijssel, T. G., De Ziekte Van Besnier-Boeck en bacteriëel-allergische ontstekingsprocessen, 179
Von Bonin, G., and Bailey, P., Neocortex of *Macaca mulatta*, 829
Waksman, S. A., Microbial Antagonisms and Antibiotic Substances, 233
Wharton, L. R., Gynecology Including Female Urology, 72
White, C. S., Blood Derivatives and Substitutes, 556
Wiener, K., Skin Manifestations of Internal Disorders, 406
Willis, R. A., Pathology of Tumours, 822
Willius, F. A., and Dry, T. J., History of Heart and Circulation, 830
Wilson, J. V., Pathology of Traumatic Injury, 340
Worden, A. N., Care and Management of Laboratory Animals, 886
Wright, W. H., *et al.*, Studies on Schistosomiasis, 518

Titles

Acute Bacterial Diseases, 885
American Hospital, 343
American Illustrated Medical Dictionary, 74
American Medical Research, Past and Present, 401
Atlas of Cardiovascular Diseases, 70
Bacteriology. Laboratory Directions for Pharmacy Students, 179
Beitrage zur Kenntnis der Blutgerinnung, 338
Bergey's Manual of Determinative Bacteriology, 822
Biochemistry for Medical Students, 402
Biological Standardisation of Vitamins, 828
Biology of Disease, 886
Biology of Melanomas, 556
Bioluminescence, 828
Blood Derivatives and Substitutes, 556
Brain and Body Weight in Man, 341
Calcific Disease of Aortic Valve, 336
Care and Management of Laboratory Animals, 886
Chromatography, 829
Clinical Diagnosis by Laboratory Methods, 720
Clinical Toxicology, 719
Congenital Malformations of Heart, 517
Coronary Heart Disease, 721
Dermatologic Clues to Internal Disease, 406
De Ziekte Van Besnier-Boeck, 179
Diagnosis and Treatment of Diarrheal Diseases, 234
Diagnostic Bacteriology, 178
Diseases of Chest with Emphasis on X-Ray Diagnosis, 71
Diseases of Metabolism, 343
Disputed Paternity Proceedings, 405
Epithelia of Woman's Reproductive Organs, 405
Gynecological and Obstetrical Pathology, 178

Gynecology Including Female Urology, 72
Handbook for Diagnosis of Cancer of Uterus by Use of Vaginal Smears, 335
Hemorrhage, 721
Hemostatic Agents, 825
Histopathologic Technic, 337
Histopathology of Ear, Nose and Throat, 234
History of Heart and Circulation, 830
History of Medicine, 342
Identification of Tumors, 825
Il Principio Antianemico, 988
Internal Medicine in General Practice, 180
Introduction to Biochemistry, 336
I Veleni della Mitosi, 988
Laboratory Technique in Biology and Medicine, 557
Manual de Enfermedades Infecciosas, Vol. 1, 827
Manual for Laboratory Work in Mammalian Physiology, 721
Manual of Veterniary Bacteriology, 885
Medical Writing, 885
Microbial Antagonisms and Antibiotic Substances, 233
Modern Clinical Psychiatry, 829
Mycopathologia, 339
National Institute of Health Bulletin No. 189, Studies on Schistosomiasis, 518
Neocortex of *Macaca mulatta*, 829
Neuropathology, Its Clinicopathologic Aspects, 340
Pathological Histology, 719
Pathologisch-anatomische Untersuchungen über Leberzirrhose bei Säuglingen und Kleinkindern, 404
Pathology of Labor, the Puerperium and the Newborn, 180
Pathology of Nutritional Disease, 402
Pathology of Traumatic Injury, 340
Pathology of Tumours, 822
Penicillin Therapy, Including Streptomycin and Tyrothricin, 70
Physical Fitness Appraisal and Guidance, 341
Poisons. Their Isolation and Identification, 403
Practical Bacteriology, Hematology and Parasitology, 824
Practical Methods of Biochemistry, 826
Practical Office Gynecology, 344
Précis de Diagnostic Hématologique, 73
Principles of Surgical Treatment, 71
Recent Advances in Endocrinology, 234
Recent Advances in Pathology, 521
Relation of Diseases in Lower Animals to Human Welfare, 233
Rh Factor in the Clinic and Laboratory, 520.
Salicylates, A Critical Bibliographic Review, 987
Sexual Behavior in the Human Male, 404
Skin Manifestations of Internal Disorders, 406
State Central Record Systems for Tuberculosis, 73
Stereoscopic Atlas of Neuroanatomy, 557
Studies of the Renal Circulation, 987
Studies on the Influenza-A Epidemic of 1941 at Gronigen (Holland), 403
Sulfonamides and Allied Compounds, 558
Symposium on Use of Isotopes in Biology and Medicine, 826
Textbook of Bacteriology, 337
Textbook of Pathology, 401
Textbook of Public Health, 827
Textbook of Medicine, 342
Tuberculosis, 521
Tuberkulöse Reinfektion beim Rinde, 339
1947 Year Book of Pathology and Clinical Pathology, 823
*Borrelia recurrentis*, stain for, 99
Brewer's anaerobic jar, modification, 745
*Brucella abortus*
agglutination response following skin testing, 499
reactions in different laboratories, 506
Cancer diagnosis, evaluation of Papanicolaou's method, 283
Calcium in serum turbidimetric method, 576
Carbon Monoxide in blood, sensitivity of methods for detection of, 548
Cardiolipin antigen
editorial, 230
in precipitation tests for syphilis, 565
Kolmer test, in icteris syphilitic serums, 253
compared with Kahn antigen, 364
in serologic tests for syphilis, 193
in syphilis, 199

Kline antigen, evaluation, 212
Kline test, 940
Case reports
actinophytosis, 645
aortic aneurysm into carcinoma of esophagus, rupture, 961
appendiceal lesions in measles, 796
coronary sclerosis in infancy, 805
cyanide poisoning, 965
ferrous sulphate, death following ingestion of, 971
intestinal coccidiosis, 58
interstitial myocarditis in epidemic encephalitis, 48
lower nephron nephrosis with adrenal infarction, 653
neurologic sequelae following folic acid therapy, 811
*Shigella alkalescens* cystopyelitis, 55
traumatic saccular aneurysm of thoracic aorta, 152
tropical eosinophilia in filariasis, 637
tuberculoma of myocardium, 162
Cephalin cholesterol flocculation test, 568
Cerebrospinal fluid
bioassay of penicillins G, X and K, 737
electron microscopic studies of proteins, 852
proteins, Weichselbaum reagent for, 439
Chanco's technic in Wright's stain, 92
Clinicopathologic conference, 61, 167, 224, 323, 387, 659, 815, 974
Coagulase activity, staphylococcus, 95
Coccidiosis, intestinal, 58
Concentration of bacteria, 579
Conway cells for serum nonprotein nitrogen, and proteins, 435
Conway's micro-buret, modified, 750
Coronary sclerosis in infancy, 805
Cyanide poisoning, 965
Decalcification of bone, electrolytic, 591
Dog's blood, collecting, 89
Editorials
Blood banking and the clinical pathologist, 170
Cardiolipin, 230
Examination of oral cavity in routine autopsies, 670
Histoplasmin skin test, 171
Laboratory training for residents in the specialties, 230
Papanicolaou's method, 330
Photographic museum in the service of pathology, 394
Practice of pathology in the tumor clinic, 66
Proper usage of the term "leukemia", 65
Role of pathologist in world health, 64
Salmonella infections in man, 513
Egg (hen's), test tube sealed to, for culturing, 587
Electron microscopic studies of proteins in cerebrospinal fluid, 852
Erythroblastosis fetalis
necrosis of liver following exchange transfusion, 700
exchange transfusions, therapy, 141
Examination of oral cavity in routine autopsies, 670
Ferrous sulphate, death following ingestion of, 971
Filariasis, tropical eosinophilia, 637
Folic acid therapy, neurologic sequelae, 811
Formaldehyde inactivation technic for acid phosphatase in hemolyzed serum, 742
Fungi
identification, 235
new culture medium, 409
Gram's stain, gentian violet for, 98
Green pastures in pathology, 349
Hanging drop preparations, sealing, 98
Hemangioma of small intestine, 14
Hematocrit tubes, Wintrobe, cleaning, 916
Hemolytic anemia with hemoglobinuria, 757
Hemoglobinuria, hemolytic anemia with, 757
Hemolytic disease of newborn, isoimmunization with A and B factors, 375
Hepatic clearance, concept, 789
Histopathologic technic, 867
*Histoplasma capsulatum*, acid-fast property, 97
Histoplasmin skin test, 171
Histoplasmosis in mouth and pharynx, 130
Hyaluronidase in human infertility, 491
Hydrops fetalis with toxemia of pregnancy, non-erythroblastotic, 927
Hypersplenism, pathology of, 313
Insulin, effect on blood picture, 470
Isoimmunization with A and B factors in hemolytic disease of newborn, 375
Isotopes in medicine, 354
Juxtaglomerular apparatus of hypertensive kidney, 953
Kolmer cardiolipin antigen in testing icteric syphilitic serums, 253
Kolmer improved antigen, 731
Laboratory animals, exsanguination, 589

Laboratory training for residents in the specialties, 230
"Leukemia", proper usage of the term, 65
Lipotropic therapy, responses of fatty metamorphosis of liver to, 273
Lower nephron nephrosis with massive adrenal infarction, 653
Macrocytic anemia, neurologic sequelae in, following folic acid therapy, 811
Malaria, blood and oxygen in treatment of, 485
Malignant diseases, effect of urethane on, 104
Measles, appendiceal lesions in prodromal stage, 796
Medical technologists
  annual letter, Board of Registry, 258
  unknown addresses, 259
Medicine's new frontiers, 101
Medium
  *Neisseria gonorrhoeae*, 256
  pathogenic fungi, 409
Megakaryocyte in sternal marrow, 891
Melanoma of skin, malignant, 602
Micro-buret, modified Conway, 750
Micro-extractor for blood analyses, 584
Microscopic ocular, dividing field of, 98
Mycelia, aerial and reproductive, 748
Myocarditis in epidemic encephalitis, 48
*Neisseria gonorrhoeae*, enriched medium, 256
Neoplastic cells in fluid, section of, 754
News and notices
  American Association of Blood Banks, 407
  American Society for the Study of Arteriosclerosis, 77, 831
  Annual letter to registered medical technologists, 258
  Army Institute of Pathology, 722
  Army Medical Museum, 722
  Blood Bank Institute, 182
  Clinical Pathologist Versus the State Health Laboratory, 562
  Committee on Nomenclature for Hematology, 181
  Committee on Tumor Terminology, 181, 562
  Courses in the laboratory diagnosis of parasitic diseases, 78, 269
  Courses in laboratory diagnosis, U. S. Public Health Service, 722
  Deceased registrants, (technologists), 267
  Identification of fungi, 348
  James Ewing Society, 408
  Maryland Society of Pathologists, Inc., 831
  Minnesota Society of Clinical Pathologists, 348
  National Research Council appoints subcommittee on oncology, 831
  New Cancer journal, 407
  New York State Medical Society, 407
  Ohio Society of Pathologists, 408
  Pennsylvania Association of Clinical Pathologists, 348, 831
  Postgraduate course, 722
  Postgraduate course in hematology and blood disorders, 182
  Practice of medicine by a hospital, 832
  Recommendations of review board on nomenclature of the anti-Rh typing serums, 269
  Reprints of "The Hospital Laboratory" available, 407
  Sociedad Cubana de Médicos Laboratoristas Clinicos, 348
  Texas Society of Pathologists, 407
  Twenty-sixth annual meeting, 75
  Unknown addresses of registered technologists, 261
Nitrogen mustard, histologic effects on hematopoietic tissues, 671
Nomenclature, hematologic committee report, 443
Non-erythroblastotic hydrops fetalis with toxemia of pregnancy, 927
Nonprotein in serum, correlation with specific gravity and protein content, 429
Nonprotein nitrogen, Conway cells for, 435
Obituaries
  Bower, George C., 561
  Fenton, Clement Coleman, 560
  Hillkowitz, Phillip, 559
  Ives, George, 560
  Milstead, Laurence Coleman, 561
  Sondern, Frederic E., 560
  Weaver, Bruce S., 561
Oligospermia, constant and periodic, 874
Oral cavity in routine autopsies, examination of, 670
Oxyhemograph, photoelectric, 1
Papanicolaou's method,
  editorial, 330
  evaluation in cancer diagnosis, 283
Paraffin section, neoplastic cells in fluid, 754
Pathologist in world health, the role of, 64
Pathology, practice of, in tumor clinic, 66

Penicillin
plasma concentrations, 421
G, X and K, cerebrospinal fluid dilution bioassay of, 737
Phospholipin and lecithin, preparation of, 625
Photo-electric oxyhemograph, 1
Photographic museum in the service of pathology, 394
Plasma, antithrombin activity of stored, 537
Platelet thromboses with thrombocytopenia and hemolytic anemia. (Thrombotic thrombocytopenic purpura), diffuse, 523
Pneumonia, serologic findings in primary atypical, 593
Practice of pathology in the tumor clinic, 66
Pregnancy, *Proteus OX 19* agglutination in, 635
Preservation of anatomic specimens in plastic, 910
Presidential address
Green pastures in pathology, 349
Protein serum
estimation in 1.0 ml., 723
use of Conway cells, 435
Rheumatoid arthritis by biopsy of muscle, differential diagnosis, 931
Rh factor
Chown's capillary tube and Simmons' slide methods, comparison of, 572
incompatibility due to hr″, 533
interpretation of Rh antibodies, 690
isoimmunization to E in person with genes CDe, 598
nomenclature recommended by review board, 269
observations on rare genes $R^z$ and $r^y$, 921
significance of Hr sensitization, 716
weakly positive reactions, reading, 99
Salicylic acid in blood, determination, 99
Salmonella infections in man, 513
Schistosomiasis japonica, studies in world war II veterans, 632
Serum amylase in alcoholics, 43
*Shigella alkalescens* cystopyelitis, 55
Shigella, isolation from gallbladder in bacillary dysentery, 509
Silicone-treated needles, in transfusion, 752
Spermatozoa,
staining of, 94
oligospermia, 874
Spring lancet for finger puncture, 442
Staphylococcus coagulase activity, 95
Streptomycin activity, effect of pH, 247
Sternal puncture needle, 913
Syphilis
a single standard slide test for, 185
cardiolipin antigens in tests for, 193, 199
V.D.R.L. slide test for, 218
Test tube sealed to hen's egg, 587
Thrombotic thrombocytopenic purpura. Diffuse platelet thromboses, thrombocytopenia and hemolytic anemia, 523
Trisodium phosphate in culture of tubercle bacilli, 303
Tropical eosinophilia in filariasis, 637
Tubercle bacilli
concentration method, 579
trisodium phosphate in culture of, 303
Tuberculoma of myocardium, 162
Turntable, laboratory, 756
Ultra-violet spectrophotometry for barbiturates in blood
I. analytical method, 451
II. experimental and clinical results, 462
Urethane, effect on malignant diseases, 104
Urobilinogen
in feces, rapid determination, 87
in stool, 887
in urine, 887
possible error in determination, 84
V.D.R.L. slide test, comparison with Mazzini, Kahn and Kolmer tests, 218
Viscometer, clinical, 79
Vitamin K tolerance test, 835
Weichselbaum's biuret reagent for spinal fluid protein, 439
Weltmann's coagulation reaction, micro-estimation, 581
Wintrobe hematocrit tubes, filling and cleaning, 916
Wright's stain
Chanco's technic, 92
in diagnosis of malignant cells in bronchial aspirations, 293

# INDEX OF AUTHORS


Ackerman, L. V., 602
Ackerman, M., and Barnet, G. S., 961
Andersch, M. A., and Weiland, G. S., 583
Anderson, M. M.: See Andujar, J. J., *et al.*, 199
Andujar, J. J., Anderson, M. M., and Mazurek, E. E., 199
Auger, C., 645
Awny, A. J.: See von Haam, E., 313
Axelrod, A. R.: See Berman, L., *et al.*, 898
Bain, W.: See Corper, H. J., 303
Baird, E. E., and Dixon, K. P., 470
Ballon, J. C.: See Simon, M. A., 796
Barnes, A. C., 635
Barnet, G. S.: See Ackerman, M., 961
Bedinger, P. L.: See Limarzi, L. R., 913
Behrmann, V. G.: See Hartman, F. W., *et al.*, 1
Bell, E. T., 61, 167
Bensley, E. H., Wood, P., and Lang, D., 742
Berke, M.: See Klein, S. J., *et al.*, 940
Berman, L., and Axelrod, A. R., 104
Berman, L., Axelrod, A. R., and Kumke, E. S., 898
Birge, R. F., Lueck, A. G., and Glomset, D. A., 815
Birge, R. T., McMullen, T., and Davis, S. K., 754
Bleicher, J. E.: See Hellwig, R. L., *et al.*, 852
Block, M., Spurr, C. L., Jacobson, L. O., and Smith, T. R., 671
Boger, W. P.: See Miller, A. K., 421
Bohls, S. W., and Shaw, P., 253
Bohrod, M. G., 394
Bortz, E. L., 101
Bratt, H. M., Jr.: See Payne, H. G., *et al.*, 89
Bratt, H. M., Sr.: See Payne, H. G., *et al.*, 89
Brereton, H. G., and Lucia, S. P., 887
Brewer, J. H.: See Evans, J. M., *et al.*, 745
Brines, O. A., 170
Brodie, S. S.: See Wallerstein, H., 857
Bromberg, Y. M., and Polishuk, Z., 927
Bromberg, Y. M.: See Zondek, B., *et al.*, 874
Brosnan, J. T.: See Fallon, J., 755
Brown, A. F.: See Fisk, R. T., 716
Brown, R., 565
Budd, J. W., 66
Calderone, F. A., 64
Calvary, E.: See Wolfson, W. Q., *et al.*, 723
Cardon, L., and Felsenfeld, O., 55
Carlquist, P. R.: See Evans, J. M., *et al.*, 745
Carson, G. B.: See Wikoff, H. L., 548
Case, L. W.: See Griggs, J. F., 506
Chapman, F. W.: See Hartman, F. W., *et al.*, 1
Chason, J. L.: See Steiner, G., 931
Clark, L. C., Jr., 442
Cohn, C.: See Wolfson, W. Q., *et al.*, 723
Corper, H. J., and Bain, W., 303
Crass, G.: See Muirhead, E. E., *et al.*, 523
Culbertson, C. S.: See Giordano, A. S., *et al.*, 193
Davidsohn, I., and Stern, K., 690
Davis, S. K.: See Birge, R. T., *et al.*, 754
DeLamater, E. D., 235
DesPrez, J. D., Jr., 953
Diggs, L. W., 293
Dittebrandt, M., 439
Dixon, K. P.: See Baird, E. E., 470
Domzalski, C. A., and Wedge, B. M., 43
Donovan, A. M.: See Moloney, W. C., *et al.*, 568
Drake, T. L.: See Hellwig, C. A., *et al.*, 852
Eichhorn, F.: See Rappaport, F., 581
Elton, N. W., 499
Elton, N. W., Fredenburgh, E. J., and Manning, D. W., 92
Evans, J. M., Carlquist, P. R., and Brewer, J. H., 745
Faber, J. E., Jr., Gonzales, D., and Pelczar, M. J., 256
Fallon, J., and Brosnan, J. T., 755
Felsenfeld, O., 513
Felsenfeld, O.: See Cardon, L., 55
Fetterman, G. H.: See Menten, M. L., 805
Finland, M.: See Morgan, H. R., 593
Finland, M.: See Murray, R., 247
Fisher, R. S., Walker, J. T., and Plummer, C. W., 462
Fisher, R. S.: See Walker, J. T., *et al.*, 451
Fisk, R. T., and Brown, A. F., 716
Foucar, F. H., Gordon, B. S., and Kaye, S., 971
Franklin, M., Salk, M. R., Steigmann, F., and Popper, H., 273

Fredenburgh, E. J.: See Elton, N. W., *et al.*, 92
Friedland, L. M., 591
Frye, J. W.: See Miale, J. B., 95
Furcolow, M. L., 171
Gall, E. A., 65, 224
Giffen, H. K., 330
Giordano, A. S., Culbertson, C. S., and Higginbotham, M. W., 193
Glomset, D. A.: See Birge, R. F., *et al.*, 815
Gogolak, F. M.: See Pitner, G., *et al.*, 632
Goldenberg, H.: See Wyatt, J. P., 653
Gonzales, D.: See Faber, J. E., Jr., *et al.*, 256
Gordon, B. S.: See Foucar, F. H., *et al.*, 971
Gray, D. R.: See Peck, J. M., 910
Griggs, J. F., and Case, L. W., 506
Hansen, P. S., 14
Harman, J. W., and Webster, J. H., 750
Hartman, J. W., Behrmann, V. G., and Chapman, F. W., 1
Hartz, P. H., and van der Sar, A., 637
Hartz, P. H.: See van der Sar, A., *et al.*, 509
Haythorn, S. R., 230
Hellwig, C. A., Drake, R. L., Voth, H. W., and Bleicher, J. E., 852
Hellwig, C. A.: See Wiles, J. B., 283
Higginbotham, M. W.: See Giordano, A. S., *et al.*, 193
Hill, J. M.: See Muirhead, E. E., *et al.*, 523
Ichiba, F.: See Wolfson, W. Q., *et al.*, 723
Isenberg, H. D., 94
Jacobson, L. O.: See Block, M., *et al.*, 671
Kahn, R. L., and McDermott, E. B., 364
Kaye, S.: See Foucar, F. H., *et al.*, 971
Kelley, V. C.: See McDonald, R. K., 87
Kirshbaum, J. D., 58
Kleeberg, J., 551
Klein, S. J., Leiby, G. M., and Berke, M., 940
Kline, B. S., 185
Kline, B. S.: See Levine, B., *et al.*, 212
Kolmer, J. A., and Lynch, E. R., 731
Krieger, V. I., and Weiden, S., 572
Kumke, E. S.: See Berman, L., *et al.*, 898
Kurzrok, R., 491
Lang, D.: See Bensley, E. H., *et al.*, 742
Lash, J. J., 584
Leiby, G. M.: See Klein, S. J., *et al.*, 940
Letonoff, T. V., 625
Levey, S., 435
Levine, B., Kline, B. S., and Suessenguth, H., 212
Lewis, A. E., 789
Liebowitz, D., and Schwartz, H., 965
Lillie, R. D., 867
Limarzi, L. R., and Bedinger, P. L., 913
Linn, H. J.: See Rosenbaum, H., 162
Littman, M. L., 409
Loewe, L.: See Morrison, M., *et al.*, 879
Losee, F. L., and Moe, T. I., 670
Lucia, S.: See Brereton, H. G., 887
Lueck, A. G.: Birge, R. F., *et al.*, 815
Lynch, E. R.: See Kolmer, J. A., 731
Mahoney, J. F., 230
Mann, F. D., 79
Mann, L. S., 916
Manning, D. W.: See Elton, N. W., *et al.*, 92
Marmell, M., 587
Mazurek, E. E.: See Andujar, J. J., *et al.*, 199
McDermott, E. B.: See Kahn, R. L., 364
McDonald, J. R.: See Stark, D. B., 778
McDonald, R. K., and Kelley, V. C., 87
McHugh, J. J.: See Walker, J. T., *et al.*, 451
McMullen, T.: See Birge, R. T., *et al.*, 754
McNally, J., Jr., and Polayes, S. H., 375
McNamara, W. L.: See Pitner, G., *et al.*, 632
Medes, G., 354
Menten, M. L., and Fetterman, G. H., 805
Merley, R. W., 906
Meyer, L. M., 811
Miale, J. B., and Frye, J. W., 95
Miller, A. K., and Boger, W. P., 421
Moe, T. I.: See Losee, F. L., 670
Moloney, W. C., Donovan, A. M., and Whoriskey, F. G., 568
Morgan, H. R., and Finland, M., 593
Morrison, M., Richter, I. H., and Loewe, L., 879
Mortensen, R. A., 429
Muirhead, E. E., Crass, G., and Hill, J. M., 523
Murray, R., and Finland, M., 242
Naz, J. F., 748
Palmer, H. D., 659
Parkhill, E. M.: See Weed, L. A., 130
Payne, H. G., Bratt, H. M., Jr., and Bratt, H. M., Sr., 89
Peck, J. M., and Gray, D. R., 910
Pelczar, M. J.: See Faber, J. E., Jr., *et al.*, 256
Peters, H. R.: See Wiener, A. S., 533
Pitner, G., McNamara, W. L., and Gogolak, F. M., 632
Pizzolato, P., 891
Plummer, C. W.: See Fisher, R. S., *et al.*, 462

Polayes, S. H., and McNally, J., Jr., 375
Polishuk, Z.: See Bromberg, Y. M., 927
Polishuk, Z.: See Zondek, B., *et al.*, 874
Pollak, O. J., 542
Popper, H.: See Franklin, M., *et al.*, 273
Pot, W. W.: See van der Sar, A., *et al.*, 509
Pretschold, H.: See Sussman, L. N., 589
Rappaport, F., and Eichhorn, F., 581
Rappaport, F., and Rosenknopf, D., 579
Rawson, A. J., 97
Reimann, S. P., 349
Rice, W. G., 752
Rice, W. G., and Watson, F. G., 598
Richter, I. H.: See Morrison, M., *et al.*, 879
Rigdon, R. H., 387, 485
Rosenbaum, H., and Linn, H. J., 162
Rosenblatt, P., 700
Rosenknopf, D.: See Rappaport, F., 579
Rosenthal, N.: See Stats, D., *et al.*, 757
Salk, M. R.: See Franklin, M., *et al.*, 273
Schwartz, H.: See Liebowitz, D., 965
Shapiro, S.: See Unger, P. N., *et al.*, 835
Shaw, P.: See Bohls, S. W., 253
Shulman, A.: See Wiener, A. S., *et al.*, 141
Simon, M. A., 323
Simon, M. A., and Ballon, H. S., 796
Smith, T. R.: See Block, M., *et al.*, 671
Spurr, C. L.: See Block, M., *et al.*, 671
Stark, D. B., and McDonald, J. R., 778
Stats, D., Wasserman, L. R., and Rosenthal, N., 757
Stefanini, M., 537
Steigmann, F.: See Franklin, M., *et al.*, 273
Steiner, G., and Chason, J. L., 931
Stern, K.: See Davidsohn, I., 690
Stryker, W. A., 152
Suessenguth, H.: See Levine, B., *et al.*, 212
Sussman, L. N., and Pretschold, H., 589
Sweet, B., 756
Tucker, H. A., 737
Ungar, H., 48
Unger, P. N., Weiner, M., and Shapiro, S., 835
van der Sar, A., Pot, W. W., and Hartz, P. H., 509
van der Sar, A.: See Hartz, P. H., 637
Voegtlin, W. L., 84
von Haam, E., and Awny, A. J., 313
Voth, H. W.: See Hellwig, C. A., *et al.*, 852
Walker, J. T., Fisher, R. S., and McHugh, J. J., 451
Walker, J. T.: See Fisher, R. S., *et al.*, 462
Wallerstein, H., and Brodie, S. S., 857
Wasserman, L. R.: See Stats, D., *et al.*, 757
Watson, F. G.: See Rice, W. G., 598
Webster, J. H.: See Harman, J. W., 750
Wedge, B. M.: See Domzalski, C. A., 43
Weed, L. A., and Parkhill, E. M., 130
Weiden, S.: See Krieger, V. I., 572
Weiland, G. S.: See Andersch, M. A., 583
Weiner, M.: See Unger, P. N., *et al.*, 835
Wells, R. W., 576
Wexler, I. B.: See Wiener, A. S., *et al.*, 141
Whoriskey, F. G.: See Moloney, W. C., *et al.*, 568
Widelock, D., 218
Wiener, A. S., 921
Wiener, A. S., and Peters, H. R., 533
Wiener, A. S., Wexler, I. B., and Shulman, A., 141
Wikoff, H. L., and Carson, G. B., 548
Wiles, J. B., and Hellwig, C. A., 283
Wolfson, W. Q., Cohn, C., Calvary, E., and Ichiba, F., 723
Wood, P.: See Bensley, E. H., *et al.*, 742
Wyatt, J. P., and Goldenberg, H., 653
Zimmerman, L. E., 974
Zondek, B., Bromberg, Y. M., and Polishuk, Z., 874